



**NATIONAL
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STATISTICS
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KENTUCKY WEEKLY CROP & WEATHER REPORT



In Cooperation with:
Univ. of Ky - Agr'l Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

LELAND E. BROWN, Director

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6-11

AGRICULTURAL NEWS: Below normal temperatures and above normal rainfall prevailed across the Commonwealth this past week. There have been very few breaks in the rain and flooding has continued to be a concern. Ground saturation continues to be a deterrent on days when the precipitation ceases. Temperatures averaged 56 degrees, 5 degrees below normal and 8 degrees below last week's average. Overall rainfall for the time period averaged 2.54 inches, 1.45 inches above normal. Regionally, the West had the highest average at 3.42 inches while eastern Kentucky had the lowest average at 1.46 inches. **Topsoil moisture** was rated 25 percent adequate and 75 percent surplus. **Subsoil moisture** was rated 1 percent short, 30 percent adequate, and 69 percent surplus. Days suitable for fieldwork averaged 1.4 out of a possible seven, with very limited activities reported due to wet conditions. Farmers were once again contending with the wet conditions. Many regions in the state are still contending with flooding.

TOBACCO: Tobacco seeding is finished at this point in the season, and as a result focus has now shifted to plant progress. The majority of plants, 27 percent, were less than 2 inches in stature. Plants in the 2-4 inch range were rated at 40 percent. The remaining plants, at 33 percent, were larger than 4 inches. The condition of tobacco transplants was reported as 1 percent very poor, 5 percent poor, 21 percent fair, 55 percent good, and 18 percent excellent. Producers indicate that there will be adequate plants for tobacco setting in the State.

ROW CROPS: **Corn** planting progress was once again inhibited by the wet weather. Reported progress was 19 percent, down 69 percent from last year, and down 52 percent from the five year average. Corn emergence was reported at 11 percent, down 63 percent from last year and down 41 percent for the five year average. Farmers who intend to plant **soybeans** are facing the same

weather troubles. There were no plantings reported for this period. At this time last year, 10 percent was in the ground with a five year average of 8 percent.

SMALL GRAINS: The condition of winter **wheat** was reported as 2 percent very poor, 3 percent poor, 29 percent fair, 48 percent good, and 18 percent excellent. Winter wheat headed was 73 percent, ahead of both last year at 59 percent and the five year average of 58 percent. Some of the wheat crop has been damaged by flooding.

OTHER CROPS AND PASTURE: The **hay** crop condition has been reported as 3 percent very poor, 7 percent poor, 31 percent fair, 46 percent good, and 13 percent excellent. **Pasture** condition was 2 percent very poor, 5 percent poor, 26 percent fair, 52 percent good, and 15 percent excellent.

CROP PROGRESS for week ending 05/08/11

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
Percent				
Corn Planted	19	17	88	71
Corn Emerged	11	7	74	52
Wheat Headed	73	45	59	58
Soybeans Planted	0	0	10	8

SOIL MOISTURE for week ending 05/08/11

	Very Short	Short	Adequate	Surplus
Percent				
Topsoil	0	0	25	75
Subsoil	0	1	30	69

CROP CONDITIONS for week ending 05/08/11

Crop	Very Poor	Poor	Fair	Good	Ex
Percent					
Wheat	2	3	29	48	18
Pasture	2	5	26	52	15
Hay Crops	3	7	31	46	13
Tobacco Transplants	1	5	21	55	18

KENTUCKY WEATHER SUMMARY, MAY 2 - 8, 2011:

Below Normal Temperature and Above Normal Rainfall:

Another wet week in the Commonwealth, which made this the 5th week in a row with above normal rainfall and the 4th in a row with more than double the normal amount. Unlike the previous few weeks, this past week only had one major system pass that dumped heavy rainfall early in the week. Rainfall was heaviest in western portions of the state, which worsened flood conditions along the Ohio River. The rest of the week only isolated to scattered showers were seen. This past week was also the 1st week since the end of March beginning of April with below normal temperatures. Cool temperatures came in behind the cold front that passed through early in the week. Low temperatures even dropped far enough in the middle of the week for a patchy frost across the state.

Temperatures for the period averaged 56 degrees across the state which was 5 degrees cooler than normal and 8 degrees cooler than the previous period. High temperatures averaged from 67 in the West to 67 in the East. Departure from normal high temperatures ranged from 8 degrees cooler than normal in the West to 7 degrees cooler than normal in the East. Low temperatures averaged from 47 degrees in the West to 46 degrees in the East. Departure from normal low temperature ranged from 5 degrees cooler than normal in the West to 0 degrees from normal in the East. The extreme high temperature for the period was 86 degrees at Cadiz and the extreme low was 30 degrees at Frankfort.

Rainfall for the period totaled 2.54 inches statewide which was 1.45 inches above normal and 232% of normal. Rainfall totals by climate division, West 3.42 inches, Central 2.41 inches, Bluegrass 2.86 inches and East 1.46 inches, which was 2.23, 1.27, 1.85 and 0.43 inches above normal. By station, rainfall totals ranged from a low of 1.29 inches at Cumberland Gap to a high of 4.56 inches at Frankfort.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, MAY 8, 7:00 P.M.

Weather Station	Rainfall			Deviation From		Air Temperature				Growing Degree Days		
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly. Avg.	Dev. From Norm	Last Week	Since Apr. 1	Dev. Since Apr. 1
		(Inches)										
Bardstown	4.36	20.02	18.43	+14.99	+14.69	78	34	55.6	-8	57	428	+8
Berea	1.43	11.96	9.71	+6.46	+5.63	75	33	54.7	-7	55	421	-7
Bowling Green	2.84	13.96	13.00	+8.37	+8.85	84	38	58.4	-5	72	505	+77
Bristol	0.83	5.49	3.22	+1.18	+0.01	85	33	59.1	-3	84	484	+102
Buckhorn Lake	1.32	10.42	8.25	+5.61	+4.69	75	30	54.6	-7	56	418	+36
Cape Girardeau	3.74	25.94	25.65	+20.17	+21.36	83	39	57.2	-8	61	433	-3
Campbellsville	2.48	16.21	14.22	+10.13	+9.72	78	32	54.4	-9	54	424	-4
Covington	3.15	16.77	14.84	+11.92	+11.24	70	34	52.7	-9	40	342	-10
Cumberland Gap	1.29	9.89	7.81	+4.57	+3.85	79	37	57.4	-5	71	475	+93
Dix Dam	2.01	15.47	13.54	+10.03	+9.50	75	33	55.1	-7	54	407	-13
Evansville	3.87	16.83	15.75	+11.58	+11.84	85	37	56.4	-9	57	431	+33
Glasgow	2.50	13.30	12.22	+7.44	+7.88	81	37	56.8	-6	62	459	+91
Grayson	1.30	14.10	11.31	+9.37	+7.79	74	36	54.8	-7	54	402	+58
Hardinsburg	2.88	20.63	18.74	+15.06	+14.61	80	37	55.5	-8	54	427	-1
Henderson	3.26	17.96	17.05	+12.53	+13.04	81	38	56.6	-9	57	443	+15
Huntington	1.33	11.46	9.03	+6.76	+5.53	85	32	57.1	-5	68	462	+80
Jackson	1.86	12.69	8.99	+7.43	+5.10	75	34	56.2	-6	62	461	+79
Lexington	2.65	15.49	13.48	+10.46	+9.74	74	33	54.4	-8	51	381	+29
London	1.50	12.01	10.43	+6.99	+6.72	78	33	56.1	-6	64	454	+72
Louisville	2.82	17.48	15.99	+12.06	+11.98	80	40	57.9	-5	65	484	+86
Mayfield	3.17	18.71	17.95	+12.37	+13.29	86	35	57.0	-8	66	490	+24
Nashville	1.90	10.12	8.86	+4.49	+4.69	85	38	59.0	-4	75	484	+18
Nolin Lake	2.59	20.11	18.91	+14.17	+14.48	81	35	55.5	-8	58	427	+7
Paducah	4.17	22.18	21.03	+15.90	+16.42	86	36	57.7	-8	67	480	+44
Princeton	3.56	21.24	19.83	+15.16	+15.35	83	35	56.1	-9	59	462	+4
Quicksand	1.87	13.81	9.36	+8.55	+5.47	80	38	57.1	-5	69	462	+80
Somerset	1.66	11.84	9.84	+6.18	+5.63	78	34	54.5	-7	54	434	+14
Spindletop	2.63	15.13	13.41	+10.10	+9.67	74	34	54.3	-8	47	372	+20
Williamstown	3.17	16.59	14.66	+11.30	+10.76	71	32	52.4	-10	41	360	+8

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: priddy@uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>